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18. A magnetic field sensor as described in Claim 16, further comprising multiple, series connected stripes of piezoelectric material.
19. A magnetic field sensor as described in Claim 18, wherein the magnetostrictive material is a ferrite.
20. A read head comprising a magnetostrictive material that strains under the influence of a magnetic field and imparts stress to a piezoelectric material to produce a detectable voltage.
21. A magnetic random access memory device comprising an array of element cells, each of which comprises a structure including at least one piezoelectric layer and at least one magnetostrictive layer, wherein a word line and a sense line connect to the element cells.
22. An electromagnetic field sensor comprising about one layer of magnetostrictive material that strains under the influence of a magnetic field and imparts stress to about one layer of piezoelectric material to produce a detectable voltage.
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REMARKS

Please enter the foregoing amendment prior to examination. Should any questions arise, Examiner is encouraged to contact the undersigned attorney.

Respectfully submitted,

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